

Mouse Macrophage + Pervanadate Lysate

Cat. # ML8701

Size 100 μ l

Lysate Preparation:

Pervanadate is a protein tyrosine phosphatase inhibitor that is commonly used to increase tyrosine phosphorylation in cells. When cells are treated with pervanadate for 30 minutes they undergo significant tyrosine phosphorylation.

Confluent cultures of mouse macrophage cells (J774A.1) were serum starved for 2 hours. Cells were then either left untreated (Cat.# ML8601) or treated with pervanadate (1 mM) for 30 minutes at 37°C (cat.# ML8701). Cells were lysed in 1% SDS, 1.0 mM sodium ortho-vanadate, 10 mM Tris (pH 7.4) buffer. Protein concentration was determined using the BCA method (Pierce) before diluting to final concentration and buffer.

Application Data:



Western blot analysis of Mouse Macrophage control (lane 1) and pervanadate treated (lane 2) cells (20 μ g/lane). The blot was probed with anti-Paxillin mouse monoclonal Cat. # PM1071.

Applications:

WB 20 μ l/lane

End user should determine optimal quantity for their particular applications and experiments.

Buffer and Storage:

Cell Lysates are supplied at a concentration of 1 mg/ml in electrophoresis sample buffer (62.5 mM Tris pH 6.8, 2% SDS, 5% glycerol, 0.003% bromophenol blue, 0.9% β -mercaptoethanol). Store at -20°C. Do not boil or dilute. Stable for 1 year.

Related Products:

- ML8401 Mouse Macrophage Calyculin A Ctrl Lysate
- ML8501 Mouse Macrophage + Calyculin A Lysate
- ML8601 Mouse Macrophage Pervanadate Ctrl Lysate

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